

2-111626-1 ✓ ACTIVE

## AMP-LATCH

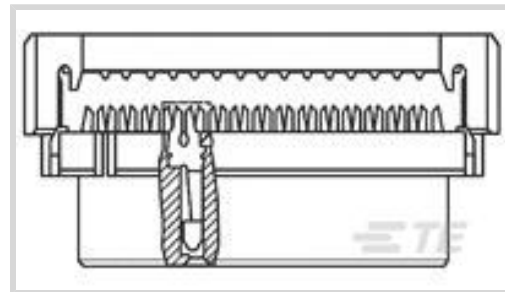
TE Internal #: 2-111626-1

Ribbon Cable Connectors, Wire-to-Board, 40 Position, 2 mm [.079 in] Centerline, 2 Row, Receptacle, Low Profile, Polarization Mating Alignment Type

[View on TE.com >](#)



Connectors > PCB Connectors > Wire-to-Board Connectors > FFC, FPC & Ribbon Connectors > Ribbon Cable Connectors



Connector System: **Wire-to-Board**

Number of Positions: **40**

Centerline (Pitch): **2 mm [.079 in]**

Row-to-Row Spacing: **2 mm [.1 in]**

Number of Rows: **2**

### Features

#### Product Type Features

|                                    |                    |
|------------------------------------|--------------------|
| Ribbon Cable Connector Header Type | Shrouded           |
| Connector Product Type             | Connector Assembly |
| Connector System                   | Wire-to-Board      |
| Connector & Housing Type           | Receptacle         |
| Connector & Contact Terminates To  | Wire & Cable       |

#### Configuration Features

|                     |    |
|---------------------|----|
| Number of Positions | 40 |
| Number of Rows      | 2  |

#### Electrical Characteristics

|                       |         |
|-----------------------|---------|
| Insulation Resistance | 5000 MΩ |
| Operating Voltage     | 125 VAC |

#### Body Features

|                       |         |
|-----------------------|---------|
| Daisy Chain           | Without |
| Primary Product Color | Black   |
| Connector Profile     | Low     |

#### Contact Features

|                              |               |
|------------------------------|---------------|
| Mating Square Post Dimension | .5 mm[.02 in] |
| Mating Pin Diameter          | .5 mm[.02 in] |



|   |   |
|---|---|
| Contact Type                                    | Socket                                    |
| Wire Contact Termination Area Plating Thickness | .127 $\mu\text{m}$ [5 $\mu\text{in}$ ]    |
| Wire Contact Termination Area Plating Material  | Gold                                      |
| Contact Mating Area Plating Material Thickness  | .76 $\mu\text{m}$ [29.92 $\mu\text{in}$ ] |
| Contact Shape & Form                            | Single Beam                               |
| PCB Contact Termination Area Plating Material   | Tin-Lead                                  |
| Contact Base Material                           | Phosphor Bronze                           |
| Contact Current Rating (Max)                    | .5 A                                      |

### Termination Features

|                                    |                               |
|------------------------------------|-------------------------------|
| Termination Method to Wire & Cable | Insulation Displacement (IDC) |
|------------------------------------|-------------------------------|

### Mechanical Attachment

|                         |                            |
|-------------------------|----------------------------|
| Mating Alignment        | With                       |
| Mating Alignment Type   | Polarization               |
| Mating Retention        | Without                    |
| Connector Mounting Type | Cable Mount (Free-Hanging) |

### Housing Features

|                    |               |
|--------------------|---------------|
| Housing Material   | Polyester     |
| Centerline (Pitch) | 2 mm[.079 in] |

### Dimensions

|                                      |                              |
|--------------------------------------|------------------------------|
| Connector Length                     | 45.19 mm[1.779 in]           |
| Connector Height                     | 8.48 mm[.334 in]             |
| Connector Width                      | 5.16 mm[.203 in]             |
| Wire Size                            | .08 mm <sup>2</sup>          |
| Compatible Insulation Diameter Range | .71 – .87 mm[.028 – .034 in] |
| Row-to-Row Spacing                   | 2 mm[.1 in]                  |

### Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -65 – 105 °C[-85 – 221 °F] |
|-----------------------------|----------------------------|

### Operation/Application

|                     |        |
|---------------------|--------|
| Circuit Application | Signal |
|---------------------|--------|

### Industry Standards

|                 |            |
|-----------------|------------|
| UL Rating       | Recognized |
| Agency/Standard | CSA, UL    |



|                        |                       |
|------------------------|-----------------------|
| Approved Standards     | CSA LR7189, UL E28476 |
| UL Flammability Rating | UL 94V-0              |

### Packaging Features

|                    |                  |
|--------------------|------------------|
| Packaging Quantity | 30               |
| Packaging Method   | Box & Tray, Tray |

### Product Compliance

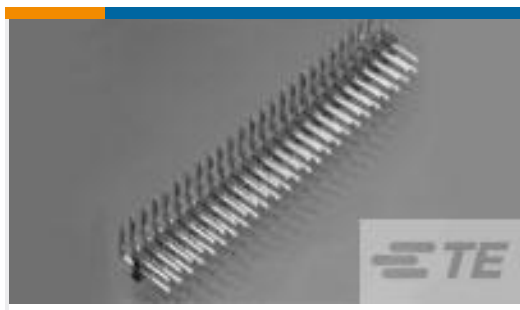
[For compliance documentation, visit the product page on TE.com>](#)

|   |   |
|---|---|
| EU RoHS Directive 2011/65/EU                  | Compliant   |
| EU ELV Directive 2000/53/EC                   | Compliant   |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold   |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JUNE 2023 (235)<br>Candidate List Declared Against: JUNE 2023 (235)<br>Does not contain REACH SVHC |
| Halogen Content                               | Not Low Halogen - contains Br or Cl > 900 ppm.  |
| Solder Process Capability                     | Not applicable for solder process capability  |

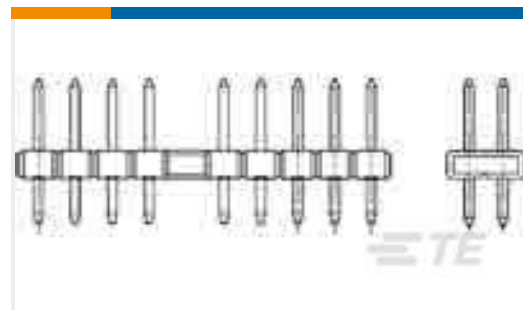
#### Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

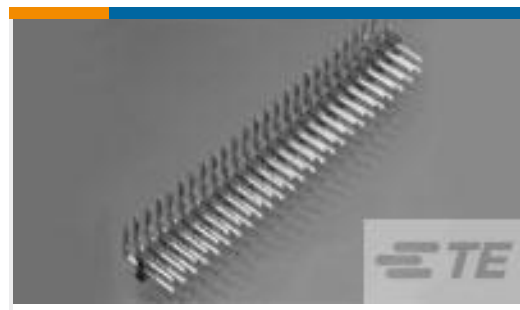
### Compatible Parts



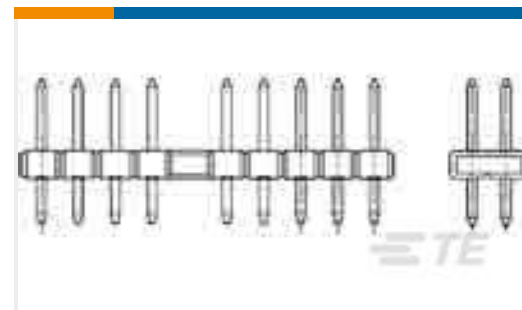
TE Part # 1-5176837-9  
40 AMPMODU 2MM, H, AU, LF



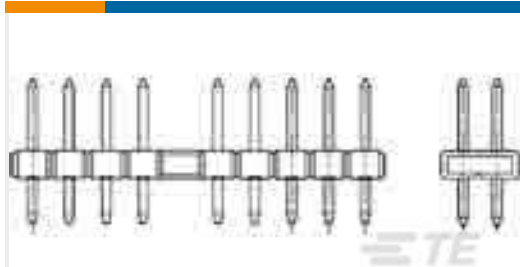
TE Part # 3-5176264-4  
40 AMPMODU 2MM DR VERT MNT LF



TE Part # 5-5176837-2  
50 AMPMODU 2MM, H, AU, LF



TE Part # 1-5178751-9  
AMPMODU 2MM HDR V-TYPE ASSY



TE Part # 4-5178751-3  
AMPMODU 2MM HDR V-TYPE ASSY

## Customers Also Bought



TE Part #9-1393211-4  
T92S11D22-24



TE Part #1-1462037-8  
IM03TS=IM RELAY 140mW 5V



TE Part #205161-1  
AMPLIMITE,ASY,RCPT,STD,109,1



TE Part #2562-201-2031L  
CONT SOC ASSY



TE Part #2560-201-2031L  
CONT PIN



TE Part #205162-1  
AMPLIMITE,ASY,PLUG,STD,109,1



TE Part #205164-1  
AMPLIMITE,ASY,PLUG,STD,109,2



TE Part #8-1879512-5  
CRGH0805 1% 1M0 0.33W



TE Part #ANT-W63WS1-RPS  
Antenna Blade Wifi6/6E Swivel RPS

## Documents



### Product Drawings

[40, 2MM, 30 DP, LEAD FREE](#)

English

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### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2-111626-1\\_L.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-111626-1\\_L.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-111626-1\\_L.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

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### Datasheets & Catalog Pages

[Ribbon Cable Interconnect Solutions](#)

English

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### Product Specifications

[Application Specification](#)

English

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### Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English

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### Agency Approvals

[Agency Approval Document](#)

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